www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

STK17B Human

Catalog #:PKPS-057

For research use only.

Description:STK17B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 395 amino acids (1-372 a.a) and having a molecular mass of 44.7kDa.STK17B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Serine/threonine-protein kinase 17B, EC 2.7.11.1, DAP kinase-related apoptosis-inducing protein kinase 2, STK17B, DRAK2.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMSRRRFD CRSISGLLTT TPQIPIKMEN FNNFYILTSK ELGRGKFAVV RQCISKSTGQ EYAAKFLKKR RRGQDCRAEI LHEIAVLELA KSCPRVINLH EVYENTSEII LILEYAAGGE IFSLCLPELA EMVSENDVIR LIKQILEGVY YLHQNNIVHLDLKPQNILLS SIYPLGDIKI VDFGMSRKIG HACELREIMG TPEYLAPEIL NYD

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
STK17B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 2mM DTT.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Serine/threonine kinase 17b (STK17B) is a member of the protein kinase superfamily. STK17B functions as a positive regulator of apoptosis. STK17B interacts with CHP1; this interaction stimulates CHP1 to translocate from the Golgi to the nucleus. STK17B is highly expressed in the placenta, lung, pancreas, however it has lower levels in the heart, brain, liver, skeletal muscle and kidney.

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